

Copyright (c) 1993 - 2000 Computer Ltd.

Patent No.: 6,130,344

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PROTEIN - PROTEIN SEARCH, USING SW MODE

Title: US 09-534-376A8_NPWF3227

Perfect score: 1053

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Scoring table: BLASTM62

Gapop 10.0 , Gapext 0.5

Searched: 231629 seqs, 24425594 residues

Total number of hits satisfying chosen parameters: 231615

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%,

Listing first 45 summaries

Database : Issued Patent AA:*

1: PCT/GB97/00145; SEQ ID NO: 1; US 09-415795; 9/1999; Inventor: Andrew P. Wilkes; Application Number: 62/057,133; Publication Date: 10/01/1999; Classification: 5/66; Filing Date: 05/08/1997; Assignee: Andrew P. Wilkes; Name: Evans, Joseph D.; Relationship: Inventor; Telephone: (202) 628-8844; Telefax: (202) 628-8844; Mailing Address: 1200 G Street, NW, Suite 700, Washington, DC, United States of America; ZIP: 20005; Computer Readable Form:

Medium Type: floppy disk

Computer: IBM PC compatible

Operating System: MS-DOS 5.0

Software: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

Application Number: 62/057,133

Filing Date: 05/08/1997

Classification: 5/66

Assignee: Andrew P. Wilkes

Name: Evans, Joseph D.

Relationship: Inventor

Telephone: (202) 628-8844

Telex: N/A

Information from file:

Sequence: 1, ARII

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Sequence: 125, ARII

PATENT NO. 6,245,713
GENERAL INFORMATION:
APPLICANT: Marie G. ACHEN
APPLICANT: Andrew F. WILKS
APPLICANT: Steven A. STAVER
APPLICANT: Kari ALITALO
APPLICATION NUMBER: 274,061
FILING DATE: 21 Nov. 1998
;SFU 10 NO. 11
;LENTIH: 214
;5240848-11

RESULT δ_1

PROTEIN NAME: **alpha-2B-adrenergic receptor**
 PROTEIN ID: **P02564**
 GENERAL INFORMATION:
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 628-8900
 TELEFAX: (202) 628-8844
 FAX: N/A
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 354 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 HYPOTHETICAL: No
 ORIGINAL SOURCE:
 TISSUE TYPE: Human Lung
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: David Prashker, Esq.
 STREET: P.O. Box 5487
 CITY: Madison
 STATE: Massachusetts
 COUNTRY: USA


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REGISTRATION NUMBER: 29/614
REFERENCE/DOCKET NUMBER: BIS 043
TELECOMMUNICATION INFORMATION:
INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 147 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: Linear
; US-08-807-992B-1

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Best Local Similarity 28.9%; Pred. No. 1,5e-13; Matches 29; Mismatches 62; Index 26; Gaps 3;
Matches 44; Conservative 29; Missmatches 62; Index 26; Gaps 3;

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QY 49 TQCMPEEVGVW-PHQVATTEPTEPTEPVSVPGCNSDQOMNLSTVLSKLFEI 157
Db 50 SYCHPFLVPLVQEPPTVYKPSVPLMRCGQCNFNGVTEENITMQLM 109
QY 158 TVPLSPQPKVPTISANHSSCRMSKLUWRY 189
Db 110 KP--HqjUHGFMSFLQHNCERPPKDRQ 149

RESULT 15
US-09-992-942-1
; Sequence 1, Application US/09/392942
; Patent No. 6452975
; GENERAL INFORMATION:
; APPLICANT: Schreiter, George F.
; APPLICANT: Johnson, Richard J.
; TITLE OF INVENTION: METHODS OF TREATING HYPERTENSION AND
; FILE REFERENCE: S100002A
; CURRENT APPLICATION NUMBER: US/09/992-942
; CURRENT FILING DATE: 1999-09-09
; EARLIER APPLICATION NUMBER: 60/099,694
; EARLIER FILING DATE: 1998-09-09
; NUMBER OF SEQ ID NO: 11
; SOFTWARE: EUSISEQ for Windows Version 4.0
; SEQ ID NO: 1
; LENGTH: 147
; TYPE: PRT
; ORGANISM: Homo Sapiens
; US-09-992-942-1

Query Match Similarity 18.2%; Score 192; DB 4; Length 147;
Best Local Similarity 28.9%; Pred. No. 1,5e-13; Matches 62; Mismatches 26; Gaps 4;
Matches 44; Conservative 29; Missmatches 62; Index 26; Gaps 4;

Query MTIVLIEWKKYVLRKGWJNREQANLNSRTEIKPAAHNTIELKSLDNWRK 97
Db ILYLIYIHKNSQAAMAEGRGQNH-----EVKEM-----DVYQR 49
QY 49 TQCMPEEVGVW-PHQVATTEPTEPTEPVSVPGCNSDQOMNLSTVLSKLFEI 157
Db 50 SYCHPFLVPLVQEPPTVYKPSVPLMRCGQCNFNGVTEENITMQLM 109
QY 158 TVPLSPQPKVPTISANHSSCRMSKLUWRY 189
Db 110 KP--HqjUHGFMSFLQHNCERPPKDRQ 149

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Search completed: August 9, 2002, 11:49:28
 Job time: 505 sec

Fri Aug 9 13:03:06 2002

us-09-534-376a-8_copy_32_227.rai

Proteins version 4.5
 Copyright (c) 1994 - 2000 CambridgeSoft.
 protein - protein search, us104 sw mode
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 (without alignments)
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 title: US-019-544-376A-B_CRY_161_227
 Perfect score: 1
 Sequence:
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 Gapop 10.0 , Gapext 0.5

Total number of hits satisfying chosen parameters

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Post-processing: Minimum Match 0.8

Listings | First 43 summaries

database : ISSUED_Patents_AA ; *

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and is derived by analysis of the total score distribution.

FEDERAL BUREAU OF INVESTIGATION
U. S. DEPARTMENT OF JUSTICE

REVIEW ARTICLE

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7 126 34.9 214 6 5240948-11

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141

16 126 34.8 232 3 (S-019-042-10)

18 123 34.0 121 6 5214739-29

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ALGEBRAIC

RESULT: 9
 US 08,686,039B 4/9
 Sequence: 4/9 Application US/085,860/4/9
 PCT Int'l No.: 6,417/95
 GENERAL INFORMATION:
 APPLICANT: Hayes, Marvin L.
 ATTORNEY: Thomas J. & Kenneth A.
 FILED OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR
 FILED OF INVENTION: SHERRILL
 NUMBER OF SEQIDS: 49
 PRIORITY CLAIMS:
 PRIORITY-CLAIM ADDRESS:
 ADDRESS: Beck & Co., Inc.
 STREET: 126 E. Lincoln Avenue
 CITY: Rockaway
 STATE: New Jersey
 COUNTRY: USA
 ZIP: 07045-09400
 COMPUTER READABLE FORM:
 MEDIA TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC DOS MS-DOS
 SOFTWARE: Microsoft Word 6.0
 CURRENT APPLICATION DATA: 10/20/96, 0,00k
 APPLICATION NUMBER: 08/586,039
 FILING DATE: 16 JAN 1996
 CLASSIFICATION:
 FREE-AFFILIATION DATA:
 AFFILIATION MEMBER: 08/586,039
 FILING DATE: 26 SEP 1993
 ATTACHMENT NUMBER: 08/586,039
 FILING DATE: 28 MAY 1991
 ATTACHMENT NUMBER: 08/586,039
 NAME: Hand, J. Mark
 REGISTRATION NUMBER: 6,634,
 REFERENCE/WORKED NUMBER: 18,96,11A
 LIFE-CYCLE INFORMATION:
 TELEPHONE: (908) 594-4905
 TELEFAX: (908) 594-4720
 INFORMATION FOR SEQ ID NO: 4/9:
 SOURCE: Characteristics:
 LENGTH: 215 amino acids
 TYPE: amino acid
 ORIGIN: linear
 MOLECULE TYPE: protein
 US 08,686,039B 4/9

COMPUTER RESIDENT ADDRESS: ACCRESSIONE, CAROLINA, BURKH, RAYN, CHAPMAN,
 APPLICANT: CHAPIN, STEWART & STEIN
 STREET: 6 HECKLE FARM ROAD
 CITY: ROSELAND
 STATE: NEW JERSEY
 COUNTY: USA
 ZIP: 07068
 COMPUTER READABLE FORM
 MEDIUM TYPE: 3 1/2 INCH DISKETTE
 DOCUMENT ID: 100-1372
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: WORD PERFECT 5.1
 SUBJECT AREA: BUSINESS
 APPLICATION NUMBER: 1024509420001
 FILING DATE:
 PRIORITY DATE:
 PRIORITY NUMBER: 1084655940
 REFERENCE NUMBER: 424800-288
 TELECOMMUNICATION INFORMATION:
 TELEFAX: 201-994-1700
 INFORMATION FOR SEQ ID NO: 1:
 STRATEGY: CHARGE DENSITY:
 LENGTH: 241 AMINO ACIDS
 TYPE: AMINO ACID
 STRANDEDNESS:
 TOPOLOGY: LINEAR
 MOLECULE TYPE: PROTEIN
 PCT-DSIG-00001.19

RESULT: 13
 US-08-999-011-7
 Sequence 7: Applicant: CHAPIN, STEWART & STEIN
 Patent No.: 5,942,640
GENERAL INFORMATION:
 APPLICANT: CHAPIN, STEWART & STEIN
 APPLICANT: ROSEN, CRAIG A.
 ATTORNEY: TAN, LUNG
 TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR
 NUMBER OF SEQUENCES: 16
 COMPUTER RESIDENT ADDRESS: ACCRESSIONE, CAROLINA, BURKH, RAYN, CHAPMAN,
 ADDRESS: 6 HECKLE FARM ROAD
 STREET: 1100 NEW YORK AVENUE
 CITY: WASHINGTON
 STATE: DC
 COUNTY: USA
 ZIP: 07068
 COMPUTER READABLE FORM
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC DOS/MS-DOS

Fri Aug 9 13:03:05 2002

us-09-534-376a-8_copy_161_227.rai

